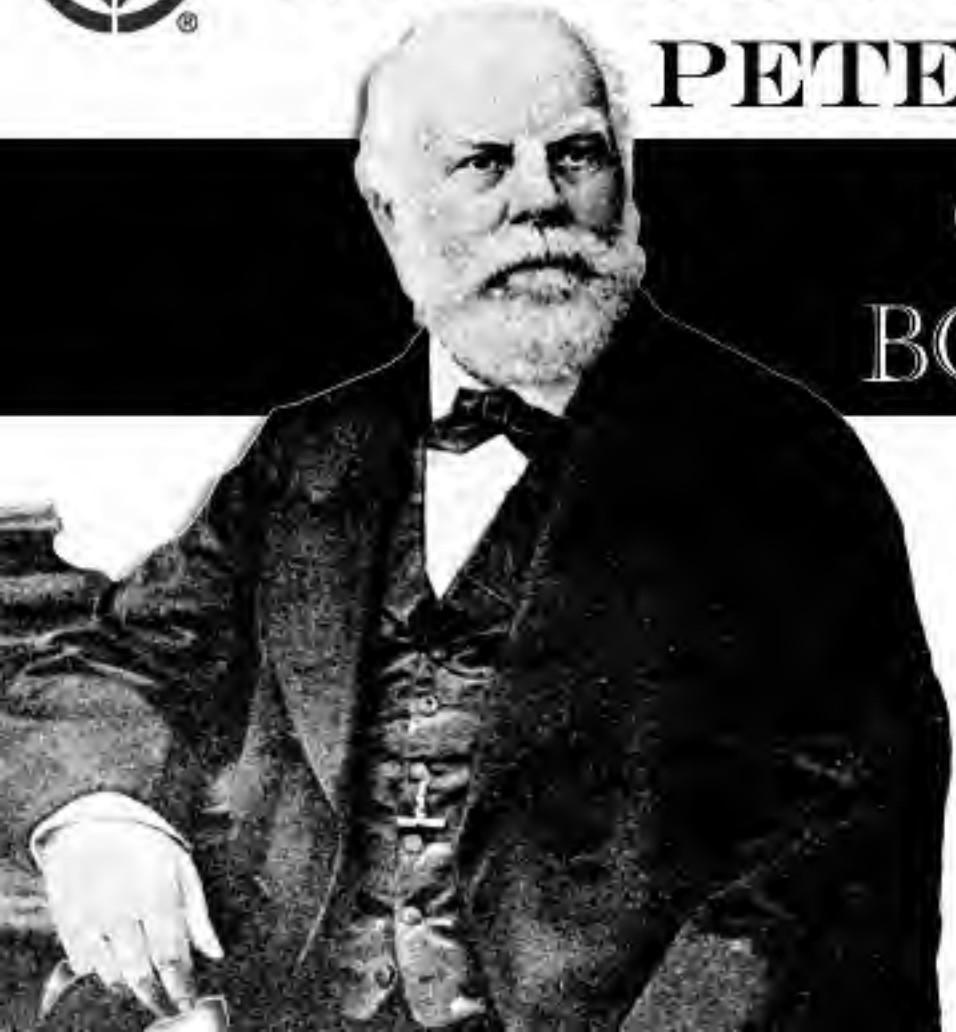




MISSOURI BOTANICAL GARDEN

PETER H. RAVEN LIBRARY



GEORGE ENGELMANN BOTANICAL NOTEBOOKS

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Pinus Taeda Lin. sp. (Cod. Lin. 7242)

Michx Fl. II. 205

Mich ab. L. p. 97. f. 9

Lamb. Man. p. 23. f. 627.

Pursh II. 644

Elliott II. 636

Chapm. 633

Gray Man. 422

Boud. Arb IV. 2237. f. 2118-2122

Mich. Syls. (Ed. americ. 1842) II. p. 158 f. 143

Ead. Conif 164

Carrière 344

Pinus Taeda var *heterophylla* Elliott II. 636



0
cm

1

2

3

4

5

6

7

8

9

10

copyright reserved



MISSOURI
BOTANICAL
GARDEN

12194

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0
cm

1 2 3 4 5 6 7 8 9 10

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Pinus palustris Mill

Mich Fl. 207

Lamk. Mon. p. 27 f. 20

Park II. 644.

Elliott II. 637.

= *P. acerifolia* Michx.



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

12195

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

P. mitis produces vegetative buds from
the trunk.

Kew Gardens Sept 13 1869



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

12196

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0

1

2

3

4

5

6

7

8

9

10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Pinus mitis Mich. Fl. II, 202

Mich arb. l. p. 52 t. 3.

= *P. variabilis* for Park
t. 693

Chapm. 433

Gry man 421

Loud: Arb. Br. IV. p. 2195 fls. 2073 - 2076

Mich. Sylv. (ed. amerc 1842) II p. 141 t. 137.

Eur. Conf. 167

Cassire 361



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

12197

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Prunus pensylvanica Michx. ab. I. p. 61 t. 5.

N. Carolina

Lamb. Mon. p. 91 t. 17.

Pursh II. 643.

Elliott II. 635

Chapm. 432

Loud. ab. IV. p. 219 t. 207~~8~~ - 2080. ~~2078~~

Nutt. Sylv. III. 125

Gray Man. 421

Mich. Sylv. (ed. Amerit 1842) p. 146 t. 140

East Coast 166

Carien 359



0
cm

1

2

3

4

5

6

7

8

9

10

copyright reserved



MISSOURI
BOTANICAL
GARDEN

12198

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0
cm

1 2 3 4 5 6 7 8 9 10

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Pinus resinosa Soland - Sit Kew Ed 1. p. 367

Lamk. Mon. p. 20 t. 14 (fir Park)

Lamk. Pin t. 13 (fir Park)

Park f. 642

Hork fl. Gv A. II. 16.

(Sit) Gray. Man 421

Loud. Arb. IV. 2210 f 1095-1097

End Conif 178

(= *P. discolor*var. *Caroliniana*, see Cam. 282)

MC



0
cm

1

2

3

4

5

6

7

8

9

10

copyright reserved

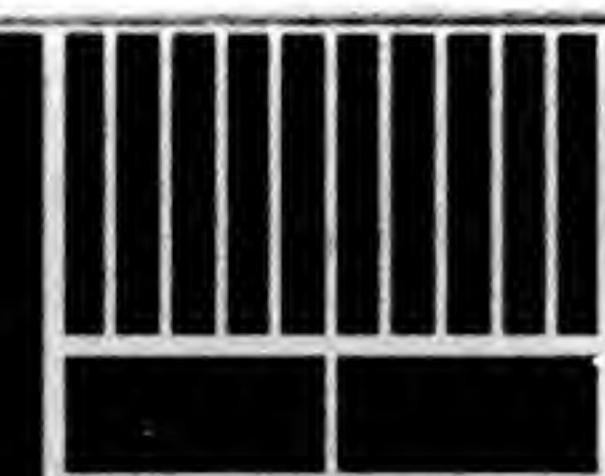


MISSOURI
BOTANICAL
GARDEN

Pinus (*Abies*) *rubra* Soland. in Hist. Kew. & 1 p. 367
Lambert mon. p. 43 t. 28 Lamb. Pl. t. 13.
— — Rush II. 640
— — Mich. arb. p. 45 t. 1 = *P. resinosa* Lamb. f. & Rush II. 642
Mich. Syl. III p. 112 t. 134.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

12199



0
cm

1

2

3

4

5

6

7

8

9

10

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Pinus rigida Miller Dict. N. 10

Lambert Mon. p. 25. t. 18-19.

Park. II. 643.

Elliott. II. 654

Mich. Arb. For. p. 89.

Chepau. 433

Grieg Man. 422

Douc. Arb. IV. p. 2239 f. 2123 - 2126

Mich x Sylw (Ed. americana 1842) Ep. 155 t. 144

Sudzajl 164

Carrière 342



0

1

2

3

4

5

6

7

8

9

10

cm

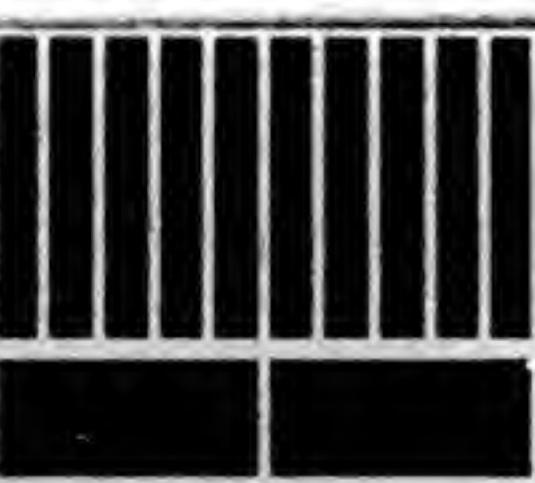
copyright reserved



MISSOURI
BOTANICAL
GARDEN

12200

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0
cm

1

2

3

4

5

6

7

8

9

10

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Pinus serotina Michx R. II. 205-

Michx Arb. T. p. 86. f. 7.

Tambr. Mon. t. 19. f. 5-

Park II. 643

Aldott II. 634

Chapm. 433

var of *P. nigra* Gray Man. 422

Loud. Arb. IV p. 2242 f. 2127-2131

Mich. Syls. (ed. americana 1842) Pl. 154 f. 142

End Corf. 163

Carrière 341



0

1

2

3

4

5

6

7

8

9

10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

12201

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0
cm

1 2 3 4 5 6 7 8 9 10

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Pinus strobus Lin (Cat 7244)

Michx Fl. 205

Mich. arb I. p. 103. t. 10

Lam. mon p. 31 f. 22 ed 2. I. t. 32

Pursh II. 644

Elliott II. 638.

Chapm 434

Hook Fl. bor. am. II. 161

Gray Manue 422

Loud. Arb. IV. 2280 f. 2193-2196

Mich. Sylw. (Ed. Amund. 1842) II. p. 160 t. 145

Carl. Cernf. 146

Cassini 302



0
cm

1

2

3

4

5

6

7

8

9

10

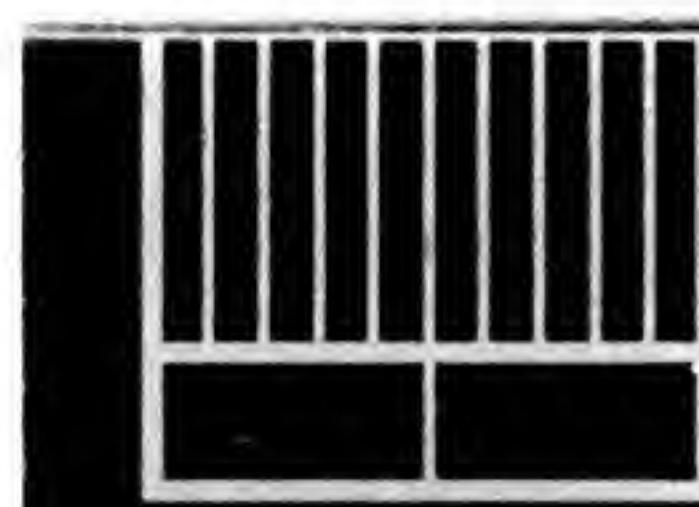
copyright reserved



MISSOURI
BOTANICAL
GARDEN

12202

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0
cm

1 2 3 4 5 6 7 8 9 10

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Mich. Sylva III. p. 117. t. 136.

ed. americana 1842 p. 140. t. 136

Pinus rupestris Mich. arb. I. p. 49 t. 2 = *P. Banksiana* var.

Pursh II. 642



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

12203

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Pinus varabilis Lamb. mon p. 22 t. 15 = *P. mitch*.
Mich.

Park II. 649

for Park II. 643

Ellott II. 633

Mark - ab. p. 52. t.

Paul. Conf 168 (as distinct from *P. mitch*!)



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

12203

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Soland in
Picea sylvestris Dravidae Vatit Kee. 3. p. 366 = *P. Banksiana*
for Pash II. 642



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

12204

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0

1

2

3

4

5

6

7

8

9

10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

P. virginiana Dr. Ror' Harb II. p. 35 = *P. inops* fide Rush & G.



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

12205



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN